

GEYMAN, L., inzh.; SVIRSKIY, Yu., inzh.

Concrete obtained without water or cement. IUn.tekh. 4
nc.2:8-9 F '60. (MIRA 13:6)
(lightweight concrete) (Furaldehyde)

LISHIN, G.L., inzh.; GEYMAN, L.M., inzh.

Carrying out blasting operations by means of nondisruptive
explosions (from "Byggvastaren, byggnadsteknik" no.4, 1957,
"Water Power" May 1959). Shakht.stroi. 4 no.2:28-30 F '60.
(MIRA 13:5)

(Sweden--Mining engineering)

LISHIN, G.L., inzh.; GEYMAN, L.M., inzh.

Underground workings with large cross sections. Shakht.
stroil. 5 no. 1:27-29 Ja '61. (MIRA 14:2)
(Underground construction)
(Mining engineering)

BARON, L.I., prof., doktor tekhn.nauk, otv. red.; GEYMAN, L.M., red.;
TIKHOMIROVA, S.G., tekhn. red.; MAKAGONOVA, I.A., tekhn. red.

[Rupture resistance of rocks during mining operations] Soprotiv-
liaemost' gornykh porod razrusheniiu pri dobyvanii. Moskva, Izd-
vo Akad.nauk SSSR, 1962. 230 p. (MIRA 15:7)

1. Akademiya nauk SSSR. Institut gornogo dela. 2. Institut gornogo
dela im. A.A.Skochinskogo (for Baron).
(Rocks--Testing) (Mining machinery)

AYRUNI, Arsen Tigranovich, kand. tekhn. nauk; ALEKSEYEV, Viktor Borisovich;
BURSHTEYN, Mark Aleksandrovidh; GEYMAN, Leonid Mikhaylovich;
GRABILIN, Yuriy Nikolayevich; KILIMOV, Sergey Leonidovich; SOSNOV,
Vladimir Dmitriyevich; SENCHEVA, Valentina Ivanovna; SUYETIN,
Georgiy Georgiyevich; FEYGIN, Lev Mikhaylovich; SHEVCHENKO, Vadim
Dmitriyevich; KAZAKOV, B.Ye., otv. red. toma; TAYTS, T.L., red.;
OSVAL'D, E.Ya., red. izd-va; MINSKER, L.I., tekhn. red.

[The coal industry of capitalist countries] Ugol'naya promyshlennost' kapitalisticheskikh stran. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu. Vol.2. [Technology, mechanization, and organization of development workings] Tekhnologiya, mekhanizatsiya i organizatsiya rabot pri provedenii podgotovitel'nykh gornykh vy-rabotok. Otv. red. toma: B.E.Kazakov, V.D.Sosnov, G.G.Suetin.
1962. 351 p. (MIRA 16:2)

1. Moscow. Tsentral'nyy institut tekhnicheskoy informatsii ugol'noi promyshlennosti. 2. Tsentral'nyy institut tekhnicheskoy informatsii ugol'noy promyshlennosti, Moscow (for Suyetin, Sencheva).
3. Gosudarstvennyy proyektnyy institut po avtomatizatsii ugol'noy promyshlennosti (for Feygin). 4. Gosudarstvennyy komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroyeniyu (for Sosnov).
5. Vsesoyuznyy tsentral'nyy proyektnyy institut po proyektirovaniyu shakhtnogo stroitel'stva kamennougol'noy promyshlennosti (for Burshteyn, Shevchenko). 6. Gosudarstvennoye nauchno-tekhnicheskoye izdatel'stvo po ugol'noy promyshlennosti (for Geyman).

(Continued on next card)

GEYMAN, Leonid Mikhaylovich; IVANOV, S.M., red.; RAKITIN, I.T.,
tekhn. red.

[Road to horizon 723] Put' na gorizont 723. Moskva, Izd-
vo "Znanie," 1963. 39 p. (Novoe v zhizni, nauke, tekhnike.
IV Seriya: Tekhnika, no.15) (MIRA 16:8)
(Strip mining)

PROTOD'YAKONOV, M.M., doktor tekhn. nauk, prof., otv. red.;
KOIFMAN, M.I., doktor tekhn.nauk, prof., red.; TEDEK,
R.I., kand. tekhn.nauk, red.GEYMAN, L.M., red.;
SIMKINA, G.S., tekhn. red.

[Mechanical properties of rocks] Mekhanicheskie svoistva
gornykh porod. Moskva, Izd-vo AN SSSR, 1963. 169 p.
(MIRA 16:11)

1. Akademiya nauk SSSR, Institut gornogo dela.
(Rocks--Testing) (Coal--Testing)

GEYMAN, Leonid Mikheylovich; SAL'TSOVSKIY, Mark Samsonovich;
YUMATOV, B.P., doktor tekhn. nauk, otv. red.; CHERNENKO,
M.B., red.; KLIYUS, Ye.M., red.izd-va; ASTAF'YEVA, G.A.,
tekhn. red.

[In the valleys of golden sand] V dolinakh zolotogo peska.
Moskva, izd-vo AN SSSR, 1963. 159 p. (MIRA 17:1)

NOVOZHILOV, M.G., prof., doktor tekhn. nauk; DRUKOVANYI, M.F., kand.
tekhn. nauk; GEYMAN, I.M., gornyy inzh.; YEFREMOV, E.I., gornyy
inzh.; KHOPIYENKO, Yu.P., gornyy inzh.

Effect of the diameter of the charge on the extent of the
crushing of friable bodies by blasting. Vzryv. delo no.53/10:
59-76 '63. (MIRA 16:8)

1. Otdeleniye gornorudnykh problem AN UkrSSR.
(Blasting)

DRUKOVANYI, M.F., kand. tekhn. nauk; GEYMAN, L.M., gornyy inzh.;
SEMENYUK, I.L., gornyy inzh.

Efficient value of the proximity coefficient of charges. Varyv.
delo no.53/10:89-96 '63. (MIRA 16:8)

1. Otdeleniye gornorudnykh problem AN UkrSSR.
(Blasting)

GEYMAN, L.M.

For all ages and professions. Gor.zhur. no.12:66-67 D '63.

(MIRA 17:3)

1. Zaveduyushchiy obshchestvennoy redaktsiyey nauchno—populyarnoy literatury Gosudarstvennogo nauchno—tekhnicheskogo izdatel'stva po ugol'noy promyshlennosti.

DRUKOVANYI, M.F., kand. tekhn. nauk; GEYMAN. L.M., gornyy inzh.;
KHOTIYENKO, Yu.P., gornyy inzh.

Effect of the location of the point of detonation on the mechanism
of breaking and the degree of crushing of friable bodies by
blasting. Vzryv. delo no.53/10:105-112 '63. (MIRA 16:8)

1. Otdeleniye gornorudnykh problem AN UkrSSR.
(Blasting)

NOVOZHILOV, M.G., prof., doktor tekhn. nauk; DROKOVANYI, M.F., kand.
tekhn. nauk; GEYMAN, L.M., gornyy inzhener; KOMIR, V.M., gornyy
inzhener; SEMENYUK, I.A., gornyy inzhener

Studying the efficiency of charges with air spaces. Vzryv.
delo no.54/11:113-125 '64. (MIRA 17:9)

1. Filial Instituta mekhaniki AN UkrSSR.

LRUKOVNYY, M.F., kand. tekhn. nauk; KRASNOPOL'SKIY, A.A., gornyy inzh.;
GEYMAN, L.M., gornyy inzh.

Determining the effective degree coefficient of crushing flux
limestone and dolomite. Varyv. delo no.54/11:210-215 '64.
(MIRA 17:9)

1. Filial Instituta mekhaniki AN UkrSSR.

DRUKOVANYI, M.F., kand. tekhn. nauk; IL'IN, V.I., inzh.; KOMIR, V.M., inzh.;
GEYMAN, L.M.

Theoretical premises for an effective conduction of blasting
operations in a compressed medium. Vzyv. delo no.57/14s
66-82 '65. (MIRA 18:11)

1. Filial instituta mekhaniki AN UkrSSR (for Drukovanyy, Il'in,
Komir).

CA

9

Sintered carbide tools having improved supports. M. A. Heiman and A. M. Malrel. *Azerbaidzhansthe Vedy* No. 20, No. 12, 37-40 (1940); *Chem. Zentr.* 1941, II, 3259-40. Russian carbide tools are claimed to give 3 to 4 times the service life of American tools because of better cutting support. Pobedit alloys RE-8 and PN-10 having brazed cast-Fe supports are outstanding for boring operations. A Co-free material, Remix, works well in combination with Pobedit. Supports are attached to the Wokar alloy by elec. welding. Best results are obtained with the W carbide-contg. material, Likath, when precautions are taken to provide sufficient support to compensate for its inherent brittleness. The TFS alloys are tools set in Mn steel and are superior to Pobedit. Chem. compn and hardness are not given. W. A. Mudge

ASH-55-A METALLURGICAL LITERATURE CLASSIFICATION

STEEL										NON-FERROUS METALS										POLYMERICS										COMPOSITES										OTHER									
IRON-STEEL										NON-FERROUS METALS										POLYMERICS										COMPOSITES										OTHER									
IRON-STEEL										NON-FERROUS METALS										POLYMERICS										COMPOSITES										OTHER									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

GETMAN, M. A.

Author: Geiman, M. A.

Title: The Forging of chisel steel. The smelting and fusing of hard alloys.
Zapravka oslot razhushchego tipa, zavaraka i naplavka tverdykh splavov. 9

City: Moscow

Publisher:

~~Pravda~~ State Printing House of Technical Literature.

Date: 1946

Available: Library of Congress

Source: Monthly List of Russian Accessions, V. 3, n. 12, March 1951

PA 4721

GEYMAN, M. A.

USSR/Oil Industry - Equipment
Vibration

Mar 1947

"The Struggle with Vibrations as a Fundamental Factor
in Equipping the Oil Industry," M A Geyman and V G
Turok. 8 pp

"Neftyanoye Khozyaystvo" Vol XXV, No 3

Gives both a theoretical discussion with formulas
and cross sections of actual equipment.

4721

GERMAN, V. A.

22T31

Sep 1947

USSR/Engineering
Soviet Union - Well Drilling
Drilling Machinery

"Use of a One Stage Transmission in Drilling," M. A.
German, V. T. Tanrok, 8 pp

"Efficiency of Khozyaystvo" No 9

With present day drilling equipment the angle of rotation is a variable factor. This is uneconomical, due to the fluctuating pressure, which is applied to the teeth of the bit. The author gives a mathematical formula for one stage transmission for powering the drilling gear and bit. The proposed method is far from perfect, though preferable to present day equipment.
22T31

GETMAN, M. A.

"Forces Acting on Supports of Milling Heads," Naft. khoz., No.8, 1948

TRUST, N. A. TRUST, V. A.

Wrote about different types of bits for drills in the oil industry which were tested at the wells of the 'Buzurslannaft', 'Ishimbayneft', and 'Srikennet' (Buzurslan oil, and Kama River) trusts.

Soviet Source: "Nefteyano-Khomyaystvo - Apr 1948 - Moscow
Extracted in USIP "Treasure Island", on file in Library of Congress, Air Information
Division, Report No. 88072 Unclassified.

KOTYAKHOV, F.I.; GNYMAN, M.A., redaktor.

[Effect of water on the petroleum flow at the opening of oil sands]
Vliianie vody na pritok nefi pri vskrytii plasta. Moskva, Gostop-
tekhizdat, 1949. 71 p. (MIRA 8:4)
(Oil well drilling)

GEYMAN, M. A.

33144

O Profile Napravlenykh Skvashin. Trudy In-Ta Nefti (Akad. Nauk Sssr), T. I, Vyp. 1, 1949, c. 73-82

SO: Letopis' Zhurnal'nykh Statey, Vol. 45, Moskva, 1949

ROSHCHIN, P. F. and GEYMAN, M. A.
~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~

Burovye Mashiny i Mekhaniemy (Ground Boring Machine and Mechanisms), 390 p.,
Moscow and Leningrad, 1950.

MOSEAT, Morris, 1907- ; GEYMAN, M.A. [translator]

[Physical principles of petroleum engineering] Fizicheskie tekhnologii dobychi nefti. Sokr. i perer. perevod s angliiskogo M.A.Geymana. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi literatury, 1953. 60 p.
(Petroleum engineering) (MIRA 7:5)

SEYMEN, M.H.

SHIBAYEV, G.I.; GREYMAN, M.A., kandidat tekhnicheskikh nauk, retsenzent;
SULTANOV, M.K., inzhener, retsenzent; KOVALEVA, A.A., vedushchiy
redaktor; TROFIMOV, A.V., tekhnicheskiiy redaktor

[Safety engineering in the petroleum industry] Tekhnika bezopasnosti
v neftepromyslovom dele. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi
i gorno-toplivnoi lit-ry, 1954. 222 p. (MLRA 8:3)
(Petroleum industry--Safety measures)

AID P - 325

Subject : USSR/Mining
Card : 1/1
Author : Geyman, M. A.
Title : Drilling of wells under complicated conditions
Periodical : Neft. Khoz., v. 32, #5, 12-19, My 1954
Abstract : The article is related mainly to the chemistry of water solutions used in well drilling under complicated conditions. Various additives and solvents are reviewed, tested and recommended for underground layers of particular composition. The author analyses the causes for crumbling, avalanching, slipping and other forms of damages in clay walls of the drilling well. He suggests special study in each case and the use of appropriate solutions to develop protective surface coatings as workable.
Institution : Petroleum Institute of Ac. of Sci., USSR (Colloid-Electrochemical Inst., Ac. of Sci., USSR)
Submitted : No date

GEYMAN, M A.

AID P - 1131

Subject : USSR/Mining

Card 1/1 Pub. 78 - 9/25

Authors : Geyman, M. A., Stolyarov, A. D. and Vasil'yeva, N. P.

Title : New laboratory apparatus for analysis of core-samples

Periodical : Neft. khoz., v. 32, #11, 33-39, N 1954

Abstract : Three laboratory methods of analysis of water-oil saturation in the core sample are outlined. Extraction apparatuses with vacuum heat insulation and condenser (Dean and Stark, Sohlet, Vurtz and Libich) are briefly outlined. Three drawings, 1 table, 2 charts and 2 Russian references (1950-1953).

Institution : None

Submitted : No date

GEYMAN, M.A.

ORKIN, K.G.; KUCHINSKIY, P.K.; KUSAKOV, M.M.: professor, doktor fiziko-khimicheskikh nauk, retsenzent: GEYMAN, M.A., redaktor; PERESHINA, Ye.G., redaktor; TROFIMOV, A.V., tekhnicheskiiy redaktor.

[Physics of oil reservoirs] Fizika nefryanogo plasta. Moskva, Gos. nauchno-tekhn. izd-vo nefryanoi i gorno-toplivnoi lit-ry, 1955.
299 p. (MLBA 8:10)

(Petroleum engineering)

GEYMAN, M. A. AND ROSHCYN, P. F.

"Drilling Machines and Mechanisms," Gostoptekhnizdat, 1955

Translation of TABCON D 331417, 28 Sep 55

GEYMAN, M.A.; MANIKONOV, A.G.

Use of electroosmotic action in petroleum engineering. Trudy Inst.
nefti no.5:138-144 '55. (MIRA 8:12)
(Electroosmosis) (Oil well logging, Electric)

USSR/Geology - Petroleum

FD-2933

Card 1/1 Pub. 41-14/17

Author : Geyman, M. A., Shneyerson, V. B. and Mamikonov, A. G., Moscow

Title : The effect of pressure on the change in watability of minerals
 within the oil bearing strata

Periodical : Izv. AN SSSR, Otd. Tekh. Nauk 6, 127-139, June 1955

Abstract : Determines the importance of knowing the watability of oil
 bearing strata, under varied pressures, for maximum extraction
 of oil by water pressure. The water is pumped into the oil
 bearing strata and displaces and also washes out the oil from
 the minerals for possible recovery. It is concluded that the
 amount of natural pressure present within the strata has a
 definite effect on watability and extraction of oil. Diagrams,
 graphs. Fifteen references, all USSR.

Institution : Institute of Petroleum, Academy of Sciences USSR

Submitted : November 13, 1954

~~GREYMAN, M.A.~~..redaktor; TOPCHIEV, A.V., akademik, redaktor; TROFIMUK, A.A., redaktor; FEDYNSKIY, V.V., doktor fiziko-matematicheskikh nauk, redaktor; SUKHANOV, V.P., inzhener, redaktor; TREBIN, F.A., doktor tekhnicheskikh nauk, redaktor; BEKMAN, Yu. K., vedushchiy redaktor; KOVALEVA, A.A., vedushchiy redaktor; NIKITENKO, A.A., vedushchiy redaktor; PERSHINA, Ye. G., vedushchiy redaktor; PETROVA, Ye. A., vedushchiy redaktor; SAVINA, Z.A., vedushchiy redaktor; POLOSENA, A.S., tekhnicheskii redaktor

[Fourth international petroleum congress] IV Mezhdunarodnyi neftianoi kongress. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry. Vol. 3. [Well drilling and extraction of petroleum and gas] Burenis skvazhin i dobycha nefti i gaza. (MLRA 10:4) 1956. 470 p.

1. International petroleum congress. 4th, Rome, 1955. 2. Chleny delegatsii SSSR na IV Mezhdunarodnom neftyanom kongresse. (For Topchiyev, Trofimuk, Fedynskiy, Sukhanov, Trebin) 3. Chlen-korrespondent AN SSSR. (for Trofimuk) (Oil well drilling) (Petroleum engineering) (Gas, Natural)

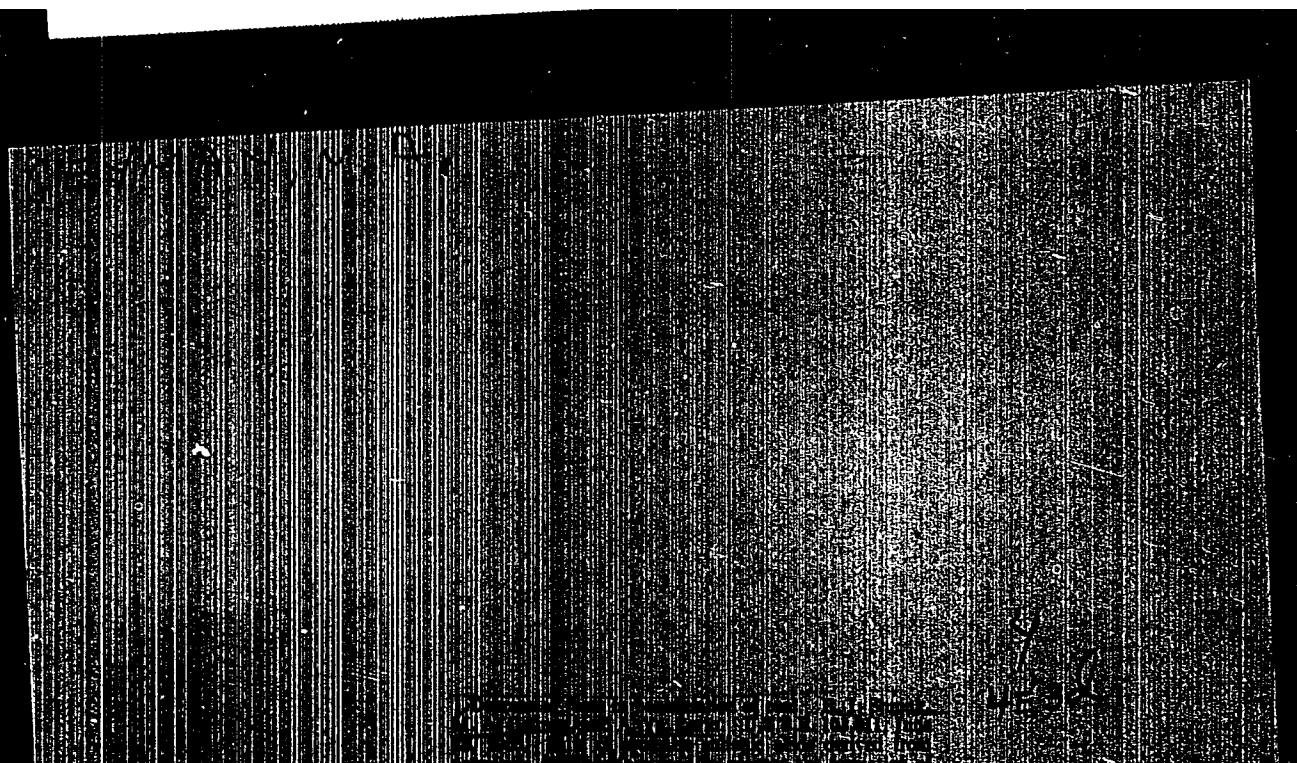
TOPCHIEV, A.V.
TOPCHIEV, A.V. akademik, redaktor; TROFIMUK, A.A., redaktor; TREBIN, F.A.,
doktor tekhnicheskikh nauk, redaktor; FEDYNSK, V.V.,
doktor fiziko-matematicheskikh nauk, redaktor; SUKHANOV, V.P.,
inzhenier, redaktor; GEYMAN, M.A., redaktor; NOVIKOVA, M.M.,
vedushchiy redaktor; SHIKIN, S.T., tekhnicheskii redaktor

[Fourth International Petroleum Congress] IV Mezhdunarodnyi
neftianoi kongress. Moskva, Gos. nauchno-tekhn. izd-vo neft.
i gorno-toplivnoi lit-ry, Vol. 9. [Transportation, storage,
and distribution of petroleum products] Transport, khranenie
i raspredelenie nefteproduktov. 1956. 144 p. (MLRA 10:4)

1. International Petroleum Congress. 4th, Rome, 1955. 2. Chleny
delegatsii SSSR na IV Mezhdunarodnom neftyanom kongresse. (for
Topchiyev, Trofimuk, Trebin, Fedynsk, Sukhanov) 3. Chlen-
korrespondent AN SSR. (for Trofimuk) (Petroleum products)

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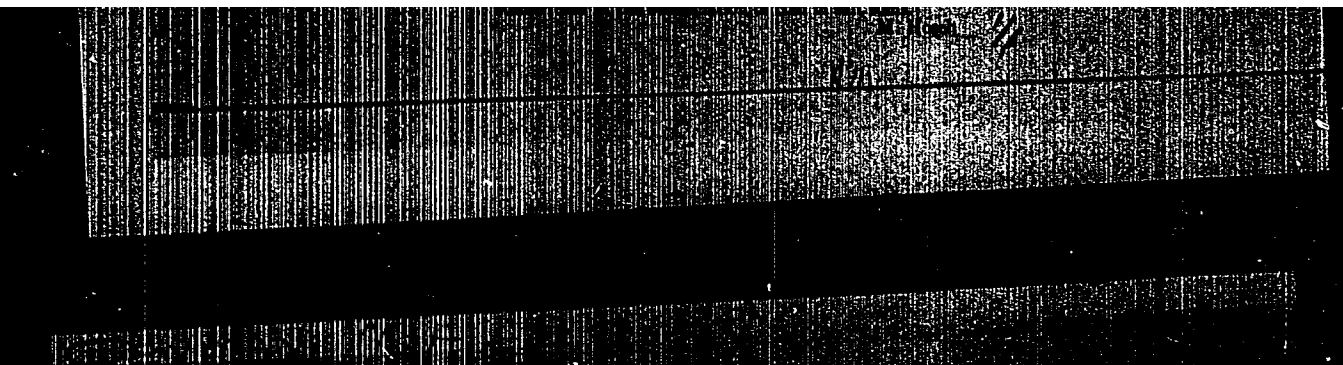


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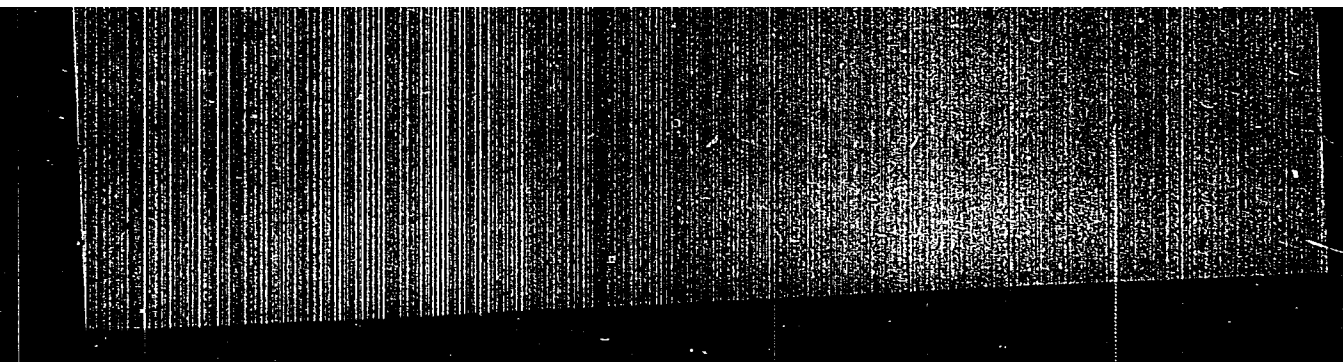


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GEYMAN, M.A.; FRIDMAN, R.A.

Effect of structural and mechanical properties of expelled oil on the
residual-oil saturation. Neft.khoz.33 [i.e.34] no.9:29-34 S '56.
(Oil field flooding) (MLRA 9:10)

Secret MIRA
SUXHORUKOV, Lev Vasil'yevich; GEYMAN, M.A., red.; MUKHINA, E.A., tekhn.red.

[Production and transportation of petroleum and gas in the U.S.A.;
a survey of practices in foreign countries] Tekhnika dobychi i
transporta nefi i gaza v SSHA, obzor zarubezhnoi praktiki. Pod
red.M.A.Gelmana. Moskva, Gos.nauchno-tekhn.izd-vo nefi i gorno-
toplivnoi lit-ry, 1957. 64 p. (MIRA 11:1)
(United States--Petroleum industry) (United States--Gas, Natural)

ZHELTOV, Yuriy Petrovich; GEYMAN, M.A., redaktor; YERSHOV, P.R.
vedushchiy redaktor; ~~TRUFIMOV~~, A.V., tekhnicheskiiy redaktor

[Hydraulic fracturing; a survey of practices in foreign countries]
Gidravlicheskii razryv plasta; obsor zarubezhnoi praktiki.
Pod red. M.A. Geimana. Moskva, Gos. nauchno-tekhn. izd-vo
neft. i gorno-toplivnoi lit-ry, 1957. 74 p. (MLRA 10:5)
(Petroleum engineering)

2. E. TROPIN, M.A.

KOVAL'EV, Aleksandr Georgiyevich; OBEYMAN, M.A., redaktor; PETROVA, Ye.A.
vedushchiy redaktor; TROFIMOV, A.V., tekhnicheskiy redaktor

[Flooding of oil fields in the United States] Zavodnenie neftiannykh
plastov v SSHA. Moskva, Gos. nauchno-tekhn. izd-vo nef. i
gorno-toplivnoi lit-ry, 1957. 109 p. (MLRA 10:5)
(United States--Oil field flooding)

GEYMAN, M.A.; KHANMURZIN, I.I.

Evaluating the effectiveness of methods for eliminating stuck
pipes during drilling. Neft. khoz. 35 no.10:11-16 0 '57.

(MIRA 11:1)

(Oil well drilling)

GEYMAN, M.A.; MANIKONOV, A.G.; MUSINOV, V.I.

~~XXXXXXXXXXXXXXXXXXXX~~

Selecting parameters for controlling and managing oil field
operations. Neft.khoz. 35 no.3:18-22 Mr '57. (MIRA 10:4)
(Oil fields)

GEYMAN, M. A.

with R. A. Fridman "Dislodging the Romashkino Field Petroleum From Loose Sands Carried Out at a Low Temperature"

Transactions of the Petroleum Institute, Acad. Sci. USSR, v. 11, Oil Field Industry, Moscow, Izd-vo AN SSSR, 1958. 346pp.

GEYMAN, M.A.; KHANMURZIN, I.I.

Natural surface-active reagents for drilling fluids. Bnl.tekh.-
ekon.inform. no.2:6-7 '58. (MIRA 11:4)
(Oil well drilling fluids)

GEYMAN, M.A.; MANIKONOV, A.G.

Radio dispatching systems used in oil fields. Biul. tekhn.-ekon.
inform. no. 4:9-11 '58. (MIRA 11:6)
(Oil fields) (Signals and signaling)

AUTHORS: Geyman, M. A. and Khanmurzin, I. I. 132-58-7-4/13

TITLE: Elimination of Difficulties in Exploratory Hole Drilling
(Bor'ba s oslozhneniymi pri burenii razvedochnykh skvazhin)

PERIODICAL: Razvedka i okhrana nedr, 1958, Nr 7, pp 17-22 (USSR)

ABSTRACT: The authors describe different methods for an improvement of the drilling fluids used in bore holes under various geological conditions. Though many are already known, new complications arise for which a solution needs to be found. The use of aerated drilling fluid to obtain a lighter flushing fluid does not give good results, because the fluid is very unstable. Lighter fluids must have a high viscosity and necessary cementing qualities to reinforce the walls of the bore hole. Such fluids can be obtained from the clay of any given quality with normal sand content by addition of a chemical detergent "DS" ("Detergent Sovietskiy"). This detergent is composed of salts of aromatic sulfo acids obtained from oil, coal and shist distillates. The authors describe experiments made with such solutions. The drilling solution in this case is a whole string of tiny bulbs of air possessing huge cohesive force with the rock. It helps clean and remove the slime from the hole, it keeps the water from escaping into the layer, it regulates the circulation of the fluid in the hole and preserves the walls. Exper-

Card 1/

Elimination of Difficulties in Exploratory Hole Drilling 132-58-7-4/13

ience in this field has also shown that the addition of coal-alkali or peat-alkali reagents to the drilling fluid assures good filtration results. This fluid is inactive when there is a contact with waters below the petroleum layer or in the passage of the drill through sulfatic rocks, or when salt penetrates the solution. In this case, the authors recommend the use of a drilling solution with an addition of KMTs-Karboksimeitiltseilyuloz (CMC-Carboximeitilcellulose), or the combination of KMTs and starch. The authors conducted extensive research to produce new kinds of reagents for the chemical processing of the new drilling fluids and for the stabilization of natural carbonic, carbon-argillaceous, argillaceous and other suspensions. It was found that wild chestnuts and acorns gave the best results. Chestnuts are a natural compound of protein-starch-tannide with a significant content of saponins, while acorns are composed of a starch-protein compound with the addition of oleic acid and a surface-active organic compound (formula $C_{17}H_{33}CO_2H$) which contributes to colloidization and gelatinization of the drilling fluid, because the sodium nitrate of the oelic acid is a good disperser and emulsifier. To obtain a reagent from these glands, they are ground to powder

Card 2/3

Elimination of Difficulties in Exploratory Hole Drilling 132-58-7-4/13

and mixed with a slightly alkaline solution of various degrees of concentration. The authors present tables which illustrate the results obtained with these fluids. There are 5 tables and 4 Soviet references

ASSOCIATION: Institut nefti AN SSSR (Petroleum Institute of the AS USSR)

1. Drilling fluids--Materials
2. Drilling fluids--Performance
3. Drilling fluids--Properties

Card 3/3

Sov/93-58-7-9/17

AUTHOR: Geyman, M.A. and Gadiyev, S.M.

TITLE: Operation of Dual Wells (Ekspluatatsiya dvukhstvol'nykh skvazhin)

PERIODICAL: Neftyanoye khozyaystvo, 1958, Nr 7, pp. 44-51 (USSR)

ABSTRACT: The article states that hundreds of dual wells have been drilled at the Kiybyshevneft', Bashneft', Dagneft', Azneft', and Artemneft' (Azerbaydzhan SSR) oilfields and that the number of dual and multiple wells will greatly increase during the new five year plan. The available equipment for the operation of dual and multiple wells do not satisfy the technical requirements. A study of inclined wells at Stalimneft' disclosed that drill pipes frequently break at the joints. This failure is corrected by installing used plungers from 56 millimeter pipe pumps at the highly inclined sectors in the well. At GrozNII the tool joints, the drill pipes, and the pump pipes are protected against wear by rubber devices, and in Rumania by textolite devices. In the United States wear is reduced by employing long-stroke deep well pumps with hydraulic drive. The American method was suggested in the Soviet Union in 1947 by M.G. Geyman (Patent No. 69431), but it was never introduced in the industry. A study of tool joints has determined that ground joints with hard bands are most resistant to wear. The authors of the present article maintain that wear due to friction can be reduced by employing special hollow tubular rods with upset ends and locking joints. Among the other problems of dual well operation are the difficulties presented by the deep well pumps in wells of high gas or sand content as at the 4th oilfield of Artemneft', Banka-Darvina, Gurgyanneft', Bikhla Il'icha, and Dagneft'.

2nd 1/2

Operation of Dual Wells

Sov/93-52-7-9/17

Efficient operation of dual wells can be achieved with the aid of well head equipment which will simultaneously cap several holes in the area and provide for the separation of the yields from the individual wells. Fig. 1 shows two possible layouts of well head equipment for free flowing dual wells. Fig. 2 shows the layout of well head equipment for dual wells operated by deep well pumps. Fig. 3 shows the special deep well pump gear designed by the Institut nefti (Petroleum Institute) AN SSSR for the exploitation of dual wells. Fig. 4 shows hydraulic gear for deep well pumps employed in dual well operation. The authors state that the stationary derricks or masts employed for dual wells do not satisfy the technical requirements and must be replaced by portable derricks. The uselessness of stationary derricks is reflected in the operation of the Izberbash offshore oilfield, where subsurface repairs are carried out by employing portable hoists and "Bakinets 2" masts. The authors conclude that the equipment for the operation of dual and multiple wells must be improved before planning the development of new oilfields. There are 4 figures.

Card 2/2 1. Drilling machines--Equipment

GEYMAN, H.A.; FRIDMAN, H.A.

Flooding the Romashkino oil from unconsolidated sands at low temperatures. Trudy Inst.nefti 11:193-208 '58. (MIRA 11:12)
(Oil field flooding)

GNYMAN, M.A.; KHANMURZIN, I.I.; FRIDMAN, R.A.

Controlling structural and mechanical properties of drilling muds.
Azerb. neft. khoz. 37 no.2:16-21 F '58. (MIRA 11:6)
(Oil well drilling fluids)

Goyman, M. A.

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ПОЛУЧЕНИЕ АНИОННЫХ ПОВЕРХНОСТНО-АКТИВНЫХ
Веществ из нефти, нефтяных, бурого угольных,
сланцевых и торфяных дистиллятов

Н. А. Гойман, А. Е. Лысен

VIII Mendeleev Congress for General and Applied Chemistry in
Section of Chemistry and Chemical Technology of Fuels,
publ. by Acad. Sci. USSR, Moscow 1979

abstracts of reports scheduled to be presented at above mentioned congress,
Moscow, 15 March 1979.

TITKOV, Nikolay Iosafovich; KORZHUDEV, Aleksandr Sergeyevich; SMOLYANINOV, Vladimir Georgiyevich; NIKISHIN, Vladimir Aleksandrovich; NERETINA, Anna Yakovlevna; GEYMAN, M.A., red.; DUBROVINA, N.D., vedushchiy red.; POLOSINA, A.S., tekhn.red.

[Using electrochemical methods for stabilizing unstable rocks]
Elektrokhimicheskii metod zakrepleniia neustoichivyykh gornyykh porod. Moskva, Gos.nauchno-tekhn.izd-vo nef. i gorno-toplivnoi lit-ry, 1959. 77 p. (MIRA 12:5)
(Soil stabilization)

SHAKHNAZAROV, Arman Arutyunovich; GEYMAN, M.A., red.; PETROVA, Ye.A.,
ved.red.; FIDOTOVA, I.G., tekhn.red.

[Cementing of the bottom hole area] Kreplenie prisaboinoi zony
skvazhin. Moskva, Gos.nauchno-tekhn.izd-vo nef. i gorno-
toplivnoi lit-ry, 1959. 83 p. (MIRA 12:7)
(Oil well cementing)

UGOLEV, Vladimir Semenovich; MUSINOV, Vladimir Ivanovich; GEYMAN, M.A.,
red.; DUBROVINA, N.D., vedushchiy red.; POLOSINA, ~~M.S.~~,
tekhn.red.

[Thermal recovery of petroleum] Termicheskie metody v dobyche
nefti. Pod red. M.A.Geimana. Moskva, Gos.nauchno-tekhn.izd-vo
neft. i gorno-toplivnoi lit-ry, 1959. 106 p. (MIRA 12:6)
(Oil fields--Production methods)

LALETIN, Aleksandr Vasil'yevich; ABDULLIN, Rovgat Akhmetovich; GEYMAN,
M.A., spetsred.; PANKOVA, V.M., red.; SHADRINA, N.D., tekhn.red.

[Story on petroleum] Rasskaz o nefti. Moskva, Izd-vo VTsSPS
Profizdat, 1959. 206 p. (MIRA 12:8)
(Petroleum industry)

GEYMAN, M.A.; GADIYEV, S.M.; UGOLEV, V.S.

Physical modeling of a deep well pump drive. Izv. vys. ucheb.
zav.; neft' i gaz 3 no.12:43-49 '60. (MIRA 14:10)

1. Vsesoyuznyy zaochnyy politekhnicheskiiy institut.
(Oil well pumps--Models)

GEYMAN, M.A.; GADIYEV, S.M.

Deep well pump drives to be used in wells drilled by the dual bore
cluster drilling method. Azerb. neft. khoz. 39 no.7:32-33 J1 '60.
(MIRA 13:10)

(Oil well pumps)

GEYMAN, M.A., kand. tekhn. nauk, red.; TOPCHIEV, A.V., akademik, red.;
VATOLIN, G.N., vedushchiy red.; FEDOTOVA, I.G., tekhn. red.

[Reports of the International Petroleum Congress, 5th. New York, 1959] Doklady V Mezhdunarodnogo neftianogo kongressa, New York, 1959. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry. Vol.2. [Oil well drilling and the production of oil and gas] Burenie skvazhin i dobycha nefti i gaza. Pod red. M.A.Geimana. 1961. 230 p. (MIRA 14:9)

1. International Petroleum Congress, 5th. New York, 1959.
(Oil fields—Production methods)

GEYMAN, M.A.; MEZHLUMOV, A.O.; MUSINOV, V.I.; SAFIULLIN, M.N.;
YUZBASHEV, G.S.

Using electrodrills and turbodrills in aeration drilling.
Neft. khoz. 39 no.4:21-26 Ap '61. (MIRA 14:6)
(Oil well drilling, ~~Electric~~ Equipment and supplies)
(Turbodrills)

GEYMAN, M.A.; UGOLEV, V.S.; SHENAYEVA, V.I.

Increasing oil recovery by deep freezing of well bottoms. Neft.
khoz. 39 no.7:34-38 J1 '61. (MIRA 14:6)
(Oil fields--Production methods)

GEYMAN, H.A.; GADIYEV, S.M.

Measuring instrument for studying the dynamic theory of
a deep well pump. Azerb. neft. khoz. 39 no.12:29-32 D '60.
(MIRA 14:9)

(Oil well pumps) (Tensiometers)

GEYMAN, M.A.

Concerning the book of S.M. Lisichkin "Oil industry of the
countries of the Near, Middle, and Far East. Neft. khoz. 41
no.2:71-78 F '63. (MIRA 17:8)

INUBINOV, Georgiy Aleksandrovich; LUBENKA, Boris Georgiyevich;
GEYMAN, M.A., nauchn. red.; SHVETSOVA, E.M., ved. red.;
DEM'YANENKO, V.I., tekhn. red.

[Theory and design of axial multistage turbodrill turbines]
Teoriia i raschet osevykh mnogostupenchatykh turbin turbo-
burov. Leningrad, Gostoptekhizdat, 1963. 178 p.
(MIRA 17:2)

GEYMAN, M.A.; UGOLEV, V.S.; KALYAYEV, V.A.; YEVDOKIMOV, P.A.; IVANOVSKIY, G.I.

Increasing the effectiveness of oil well acidization by using
dry ice. Nefteprom. delo no.1:17-19 '64. (MIRA 17:4)

1. Institut nefti AN SSSR i Institut geologii i razrabotki
goryuchikh iskopayemykh AN SSSR.

GEYMAN, Mark Abramovich; MUSTINOV, Vladimir Ivanovich

[Turbodrilling with aerated flush fluids] Turbinnoe bu-
renie na aerirovannoi promyshlennoi zhidkosti. Moskva,
Nedra, 1965. 145 p. (MIRA 18:8)

GREYMAN, M. B.

Chem ②

British Abst.
A I
Aug. 1953
Electrochemical
Equilibria
and Kinetics

Polarographic reduction of sulphones and sulphonates. S. G. Mairanovskii and M. B. Heiman (C.R. Acad. Sci., U.R.S.S., 1952, 87, 805-808).—Polarographic reduction of six sulphones three sulphonates, a sulfoxide, and a sulphide was studied at 25°. In the case of sulphones containing an aryl radical two steps on the current-voltage curve are observed, the first due to reduction of the sulphone to the corresponding sulphide and the second to the discharge of a sulphonium ion resulting from the hydrolysis of sulphide. This second process is followed by regeneration of the sulphide and formation of H₂. Appearance of a third step in the case of chlorine-substituted aryl sulphones is caused by a cathode process in which Cl atoms are exchanged for H atoms. The polarograms of sulphonates show one step, the height of which corresponds to reduction involving two electrons. The products of reduction are mainly sulphinic acids which were not further reduced.

S. K. Lachowicz.

*MF
9-14-54*

GEYMAN, R.G., Ing. I., LAVROV, Yu.G., ing.

Telem apparatus for the remote control of substations in the Moscow
Electric Power System. Trudy VNIIE no. 12:115-124 '61. (MIRA 18:4)

1. ISentral'naya laboratoriya i eksperimental'nyye masterskiye
Moskovskogo rayonnogo upravleniya energeticheskogo khozyaystva.

GEYMAN, V.; HYABININ, L.

Everyday routine of great work; excerpts from a motion-picture
script. Tekh.mol. 28 no.4:7 '60. (MIRA 13:11)
(Lenin, Vladimir Il'ich, 1870-1924)

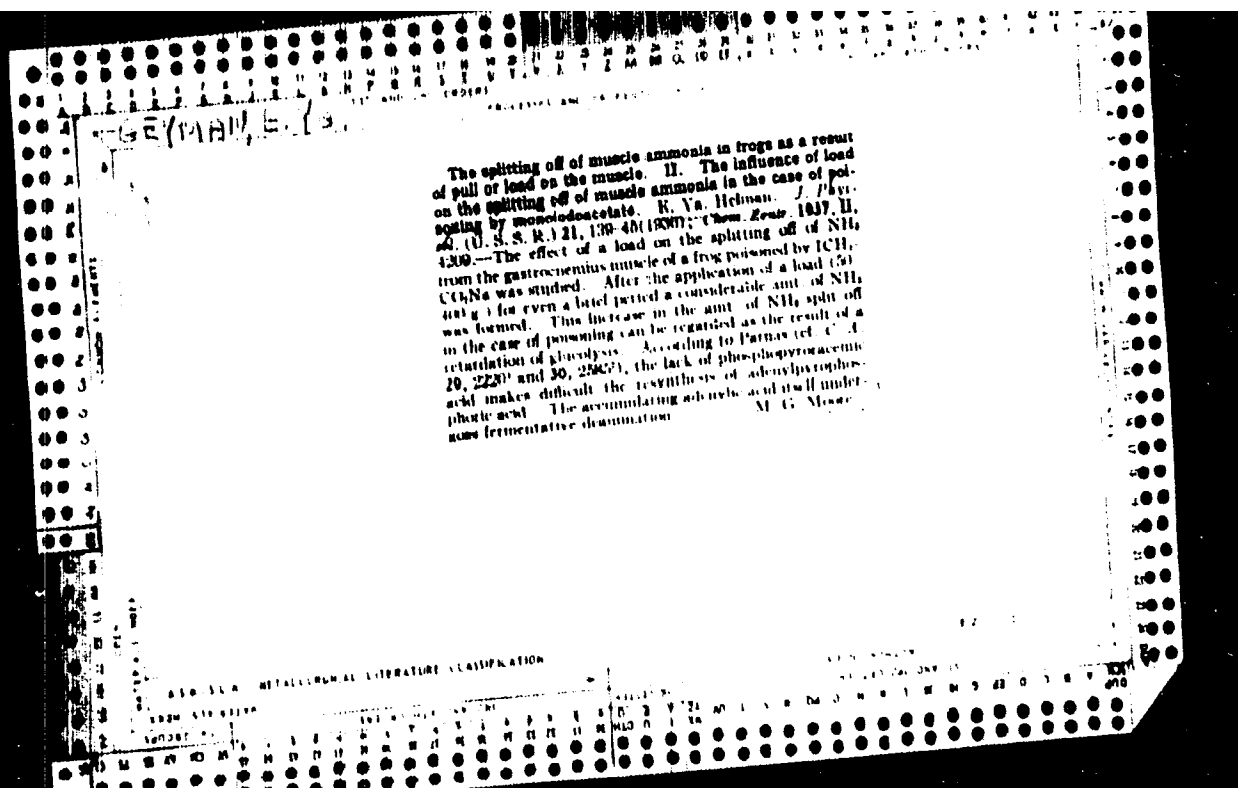
KOCHIN, Georgiy Yevgen'yevich; GRIMAN, V.G., otr. red. [deceased];

[Agriculture in Russia during the period of the formation of the Russian centralized state, the end of the 13th to the beginning of the 16th century] Sel'skoe khoziaistvo na Rusi v p... obrazovanii Russkogo tsentralizovannogo gosudarstva konets XIII-nachalo XVI v. Moskva: Nauka, 1965. 461 p. (MIRA 18:1)

GORDAN, W. A.

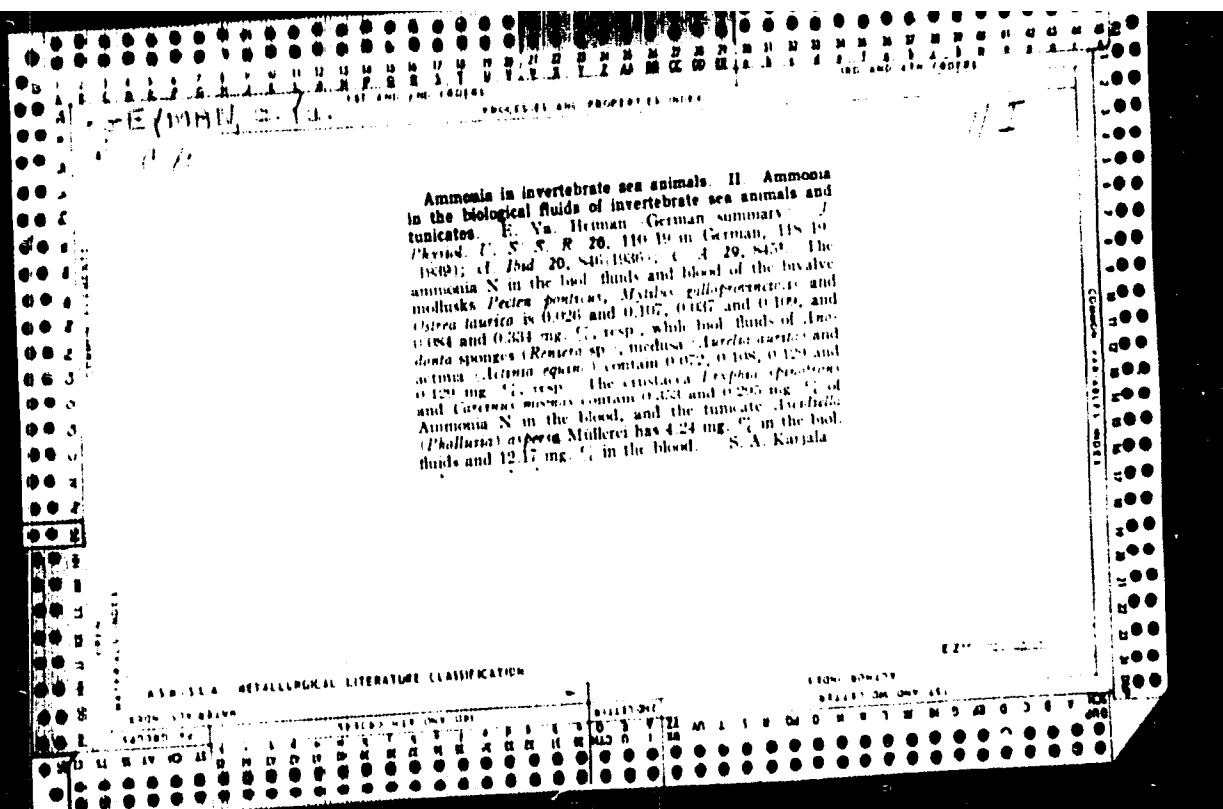
Minin, V. V. et al. - "Medical Cribbing (Anesthesia) in the
Soviet Union," Iskhodnyye, Issue 5, 1971, p. 57-61.

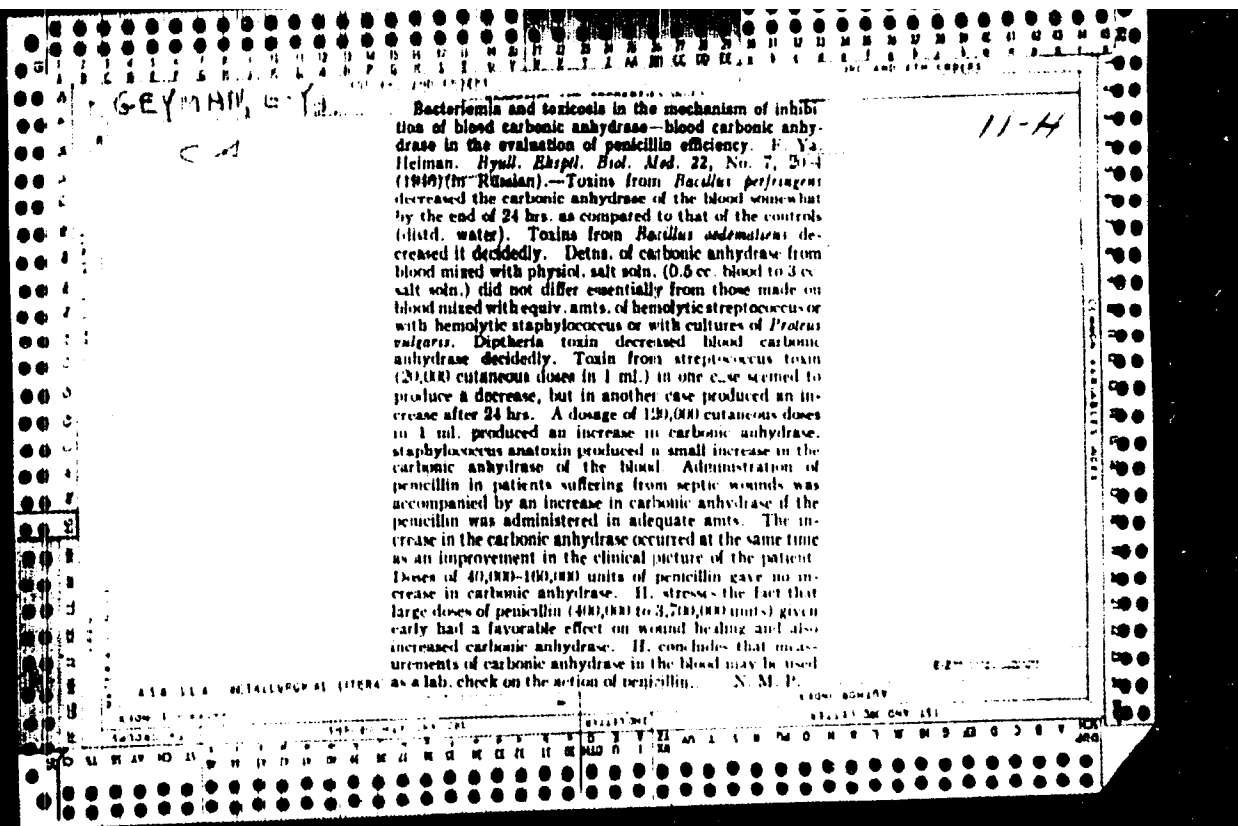
SI: W-3050, 26 June 73, (Intrepid Journal Expt. Station, N. 5, 7-1).

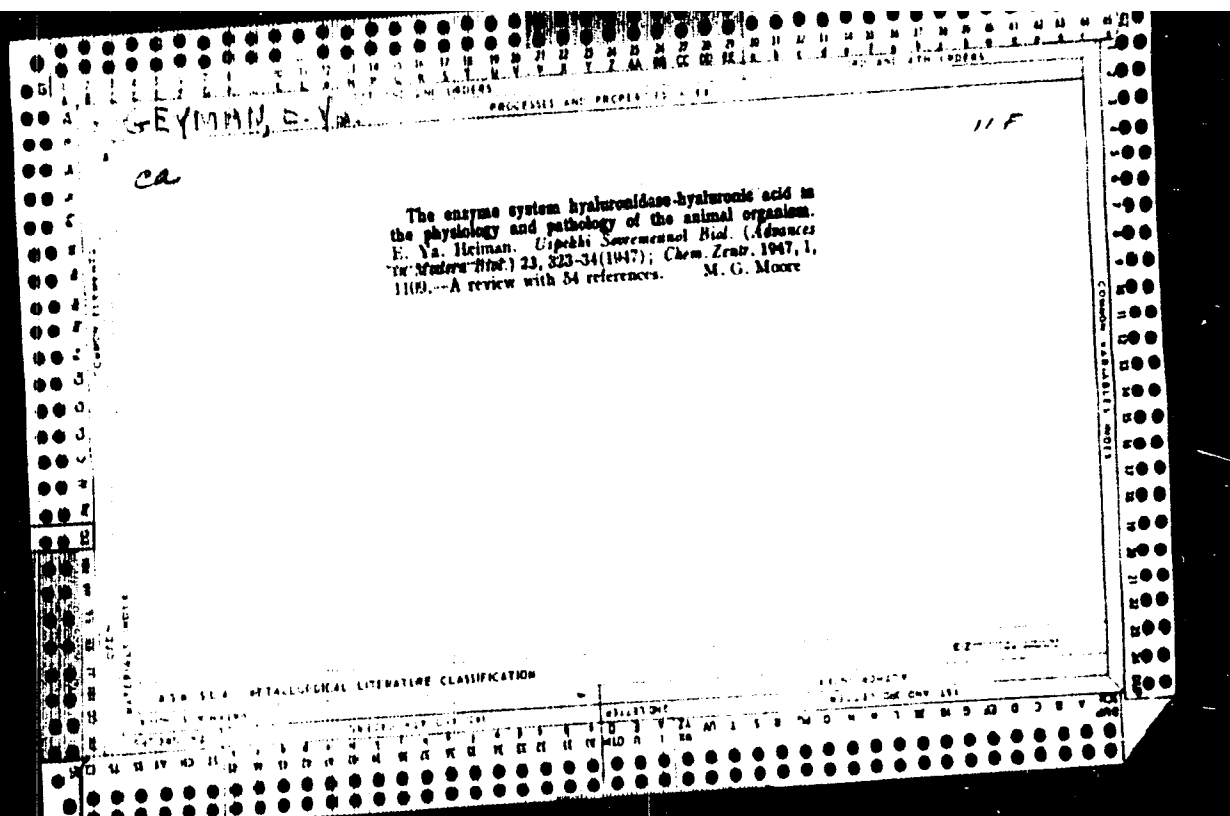


...EYTHAN, E. 12.

The effect of stimulation of the sympathetic nerve on the ammonia content of muscle. E. Ya. Holman and V. A. Morzhnev. *J. Physiol.* (U.S.S.R.) 26, 103 (1961). Stimulation of the sympathetic nerve of the frog with an induction current or nicotine had no effect in 10 cases, decreased NH_4 formation in the muscle in 4 cases and increased it in 3 cases. Poisoning with CH_2Cl_2 generally led to a decrease in NH_4 formation. S. A. Karakala







GEYMAN, E. Ya.

"Biochemical characteristics of tissue resistance changes in experimental tuberculosis. E. Ya. Geyman (A. Ya. Sternberg Sci. Research Tuberc. Inst., Leningrad). *Byull. Eksp. Biol. Med.* 37, No. 3, 83-6 (1964).--Respiration intensities (O_2 absorption) were detd. in a Warburg app. of ground rabbit tissues of the larynx, intestine and lungs, the first 2 being examples of tuberculosis-resistant, the last of tuberculosis-susceptible tissues. No differences were obtained in the O_2 absorption. The effects of exptly. developed allergy, the injection of bile into the nodose ganglion and of $AgNO_3$ into the vocal cords, on the rate of O_2 absorption is discussed. B. S. Levine

GEYMAN, Ye. Ya.

GEYMAN, Ye. Ya.; LUNTOVA, F. A.

Role of tissue metabolism in the mechanism of chemoreception. Biol. eksp. biol. i med. 38 no.7:13-17 J1 '54. (MLRA 7:8)

1. Iz otdela eksperimental'noy patologii (zav. G.S.Kan) i biokhimicheskoy laboratorii (zav. Ye.Ya.Geyman) Nauchno-issledovatel'skogo tuberkuleznogo instituta imeni A.Ya.Shternberga (dir. A.D.Semenov), Leningrad.

(INTESTINES, physiology.

reflexes from chemoreceptors, role of metab.)

(METABOLISM, TISSUE,

in form of reflexes from intestinal chemoreceptors)

(REFLEX,

from intestinal chemoreceptors, role of tissue metab. in form.)

GABER, I.E., starshiy nauchnyy sotrudnik; GEIMAN, Ye.Ya., starshiy
nauchnyy sotrudnik; KAN, G.S., starshiy nauchnyy sotrudnik

Mechanism of the direct depressing effect of streptomycin on
tissue chemoreceptors. K izuch. roli nerv. sist. v pat., immun. i
lech. tub. no. 2:323-326 '61. (MIRA 15:10)

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. -
G.S.Kan) i laboratorii biokhimii (zav. Ye.Ya.Geyman) Leningrad-
skogo nauchno-issledovatel'skogo instituta tuberkuleza.
(STREPTOMYCIN) (TISSUES--INNERVATION)
(MERCAPTO GROUP)

ACC NR: AP7001747

(A)

SOURCE CODE: UR/0193/66/000/010/0014/0017

AUTHOR: Fel'dman, D. I.; Gayman, Yu. P.; Volodarskiy, I. A.

ORG: none

TITLE: DEZ graphite plastic antifriction material

SOURCE: Byulleten' tekhniko-ekonomicheskoy informatsii, no. 10, 1966, 14-17

TOPIC TAGS: antifriction material, antifriction bearing, graphite, heat resistance, wear resistance, resin

ABSTRACT: Dnepr Electrode Plant (DEZ) And Zaporozhe Transformer Plant (ZTZ) have developed a new antifriction pressed material called DEZ graphite plastic, made of artificial (electrode) graphite and Bakelite lacquer. Bearings of any size may be shaped with this material in hydraulic presses for plastics by using closed molds heated to 130°C and stepped up to 150°C under pressures of 200 to 350 kg/cm², graduated according to the size of the bearing. Heat treatment is prescribed for DEZ bearings which must operate under temperatures of 120--130°C and of 250°C; tables give physical properties and loss of weight under heat treatment, also volumetric compression of DEZ bushings under various pressures. DEZ bearings may be used at high or low temperatures without further lubricants, and prevent wear in steel journals. If used in gear boxes with a flood lubricant, they reduce the friction coefficient to that of the best babbitt metal. When running in new DEZ bearings they show some wear and

Cord 1/2

UDC: 621.775.74

ACC NR: AP7001747

heat until a film of graphite crystals is formed; their friction coefficient in this period should not exceed 0.1 or 0.11 and later drops to 0.04 or 0.06. They function well in pairs on chrome steel shafts whose hardness exceeds RC 45, but not well on bronze or aluminum alloys. Without lubrication they resist wear up to loads of 25 to 30 kg/cm², but wear and friction coefficients rise under heavier loading. They are particularly efficient in long coal or ore conveyors, in belt conveyors in cement and coke chemical works, automotive assembly lines, and metallurgical roll tables. They are applicable in machinery operating at low temperatures, also in textile, paper-making, printing, and food processing machinery where oil lubricants may damage the product. Orig. art. has: 1 formula and 5 tables.

SUB CODE: 11/ SUBM DATE: none

Card 2/2

BA GEYMNIN-GERLBERG, L.

B. III

Soils and leaf analyses as indicators of fertilizer requirements
in Shamsi orange groves. 1. Heymann-Herschberg, *Atarim*, 1950,
1: 25-26. *Soils & Fert.*, 1951, 14: 4761. At least 20 soil samples
were required to determine the amount of NO_3^- in a grove area of
2000 sq. m. Leaf analysis required 5-8 samples. Spring was the
most suitable season for soil sampling. C. B. North.

1961/3

GERMANOVICH A.I.

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c 1960

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NEUROSURGEY

GEYMBERG, S. G.

"Microbiology of Beer Production From Whey." Thesis for degree of Cand Technical Sci.
Sub 10 May 50, Moscow Technological Inst of Food Industry

Summary 71, 4 Sep 52, Dissertations Presented for Degrees in Science and Engineering in
Moscow in 1950. From Vechernyaya Moskva, Jan-Dec 1950.

BLOK, G.; ~~GEYMBERG~~ SYMBERG, S.G.

Use of yeast culture in making of butter. Molochnaya Prom. 14, No.6,
17-21. '53. (MLRA 6:5)
(CA 47 no.16:8278 '53)

1. Dairy Inst., Vologda.

Geymberg S. G.

USSR/Microbiology - Industrial Microbiology.

F-3

Abstr Jour : Ref Zhur - Biol., No 15, 1958, 67179

Author : Geymberg, S.G.

Inst : Volog. molechny in-t.

Title : The Composition of Yeast Isolated from Butter and Their Study for the Purpose of Determining Their Species.

Orig Pub : Vologodsk. molechn. in-t, 1956, vyp. 14, 233-249

Abstract : Among 250 yeast cultures isolated from various brands of butter, the aerobic species predominated, which did not ferment butter and did assimilate fat. More frequently branched forms are encountered which form a simplified mycelium. This ability provides for them a lasting preservation in butter and secures their predominance over other species. The yeast which ferment lactose are poorly adjusted to a development in butter and are seldom found even in fresh samples.

Card 1/1

- 12 -

Geymberg, S.G.
USSR/Microbiology - Antibiosis and Symbiosis.
Antibiotics.

F-2

Abs Jour: Ref Zhur - Biol., No 18, 1958, 81434

Author : Geymberg. S.G.

Inst : Vologod Dairy Inst.

Title : Effect of Yeast on Growth of Lactic Streptococci.

Orig Pub: Tr. Vologodsk, molochn. in-ta, 1956, No. 14,
251-258

Abstract: In joint growth of pure yeast cultures with lactic streptococci (LS), the latter inhibit yeasts during the most intense period of development. As lactic streptococci destruction occurs, an intense reproduction of yeasts in the medium aids in increasing development of LS and retards their dying off in storage. The

Card 1/2

USSR/Microbiology - Antibiosis and Symbiosis
Antibiotics.

F-2

Abs Jour: Ref Zhur - Biol., No 18, 1958, 81434

positive effect of yeasts can be explained by the fact that they enrich the medium with vitamins as well as with additional nutrient sources. In the presence of yeasts the oxidation-reduction potential of the medium remains at a low level for a long while, as a consequence of which the oxidation processes are retarded to a great degree, which in turn brings about spoilage of milk fats. -- V.M. Bogdanov

Card 2/2

17

GEYMBERG, V.G.; KUVAYEVA, I.R.; BABUSHKINA, L.M.; VASIL'YEVA, E.N.; PETRUSHINA,
L.I.

Effect of various diets on chemical processes and microflora of
the large intestine in man. Vop. pit. 24 no.2:47-55 Mr-Apr '65.

(MIRA 18:8)

1. Laboratoriya fiziologii i patologii pishchevareniya (rav. --
prof. G.K.Shlygin) Instituta pitaniya AN SSSR, Moskva.

GEYMBERG, V. G.

"Hygienic Conditions During Production of Childrens' Milk Preparations,"
Gig. i San., No.4, 1948

Sector of Food Hygiene, Inst. Nutrition, AMS USSR

GEYNBERG, V. G.

1A 28/49T80

USSR/Medicine - Fungi
Medicine - Antiserum

Aug 48

"Studies of the Serological Properties of the Fusarium Fungus, Isolated From Herbs Which Remain Through the Winter Under the Snow Cover," V. G. Geynberg, D. V. Kissina, Sector of Nutritional Hygiene, Inst of Nutrition, Acad Med Sci USSR, 5 3/4 pp

"Gig i San" No 8

Obtained antiserum through injections of extracts in rabbits. Explains use of the moldy growth of liquid culture of Fusarium Fungus in preparation of aqueous-saline extracts. Discloses reactions obtained. Includes four tables.

28/49T80

GEYBERG, V.

Oct 48

USSR/Medicine-Hygiene and Sanitation Oct 48
Medicine-Nutrition, Experimental Studies

"Summaries of Articles to the Editor on Nutriologic Problems," V. Geyberg, 3 pp

"Gig i San" No 10

Discusses several articles, including Maj I. L. Korotkov's "Accumulation of Vitamin C in the Aerose Leaf During Winter Storing" and Lt Col A. Kiplinov's "The Problem of Delayed Staleness of Bread."

49/49734

GEYMBERG, V. G.

"Dynamics of Development of Grain Microflora Which Have Hibernated in an
Experimental Grain Field," Gig. i San., No.5, 1949.

Dept. Nutritive Hygiene, Inst. Nutrition, ANS USSR

GEYMBER, G. V. G.

~~REINBERG, V. G.~~

The role of dysentery bacteria in toxic food infection. Gig.sanit.,
Moskva No.5:32-36 May 50. (GLML 19:4)

1. Of the Microbiological Laboratory of the Department of Food
Hygiene, Institute of Nutrition of the Academy of Medical Sciences
USSR.

GEIMBERG, V. G.

228T35

multiply to very great extent. Dysentery bacilli (particularly some bacilli) reproduce greatly in milk to which milk-curdling enzymes have been added. States that it is not advisable to use any other kind of enzyme prep than a pure culture of sour-milk microbes, unless it is made in factories. In the course of an epidemiological investigation sour milk products which are marketed should be subjected to examn.

228T35

PA 228T35

"Pediatriya" No 3, pp 64-67

States that intensity with which dysentery bacteria reproduce in milk depends on the type and strain of bacteria. According to article, some strains of dysentery bacteria are more persistent and grow rapidly in curd milk. Other strains do not tend to

USSR/Medicine - Infectious Diseases May/Jun 52
"Reproduction of Dysentery Bacteria During Manufacture of Sour-Milk Products," V. G. Geimberg, Microbiol Lab, Div of Food Hygiene, Inst of Nutrition, Med Sci USSR

GEYMBERG, V.G.

and her husband, V.G. Geymberg, 1917-1953

Scientific session of the Institute of Nutrition of the Academy of Medicine
of the U.S.S.R. Vop.pit. 12 no.3:90-95 My-Je '53.

(MLRA 6:6)
(Nutrition)

GEYMBERG, V. G.

Sep/Oct 53

USSR/Medicine - Dysentery

"Study of the Behavior of Sonne Dysentery Bacilli During Their Cultivation on Certain Food Products and Nutrient Media," V.G. Geymberg and H.P. Nefed'yeva, Microbiol Lab, Div of Food Hygiene, Inst of Nutrition, Acad Med Sci USSR (Moscow)

Vop Pit, Vol 12, No 5, pp 68-72

Since Sonne-Kruse dysentery bacilli tend to pass over from the S-(smooth) to the R-(rough) form, there exist considerable differences among various strains isolated from food products. Some cultures which are isolated in the pure S-form remain in

268T49

that form for a long time, both on culture media and in food products. Such cultures should be selected and used as material for bacterial dysenterations. Freshly isolated strains of Sonne dysentery bacilli can survive for a long time in a smooth virulent form if preserved in milk, egg yolk, etc at room temp or low temps. The best results in preserving Sonne cultures in the S-form under laboratory conditions are obtained when liquid culture media are used and cultures kept at a temp of 4-6°C.

268T49